Figure 1.

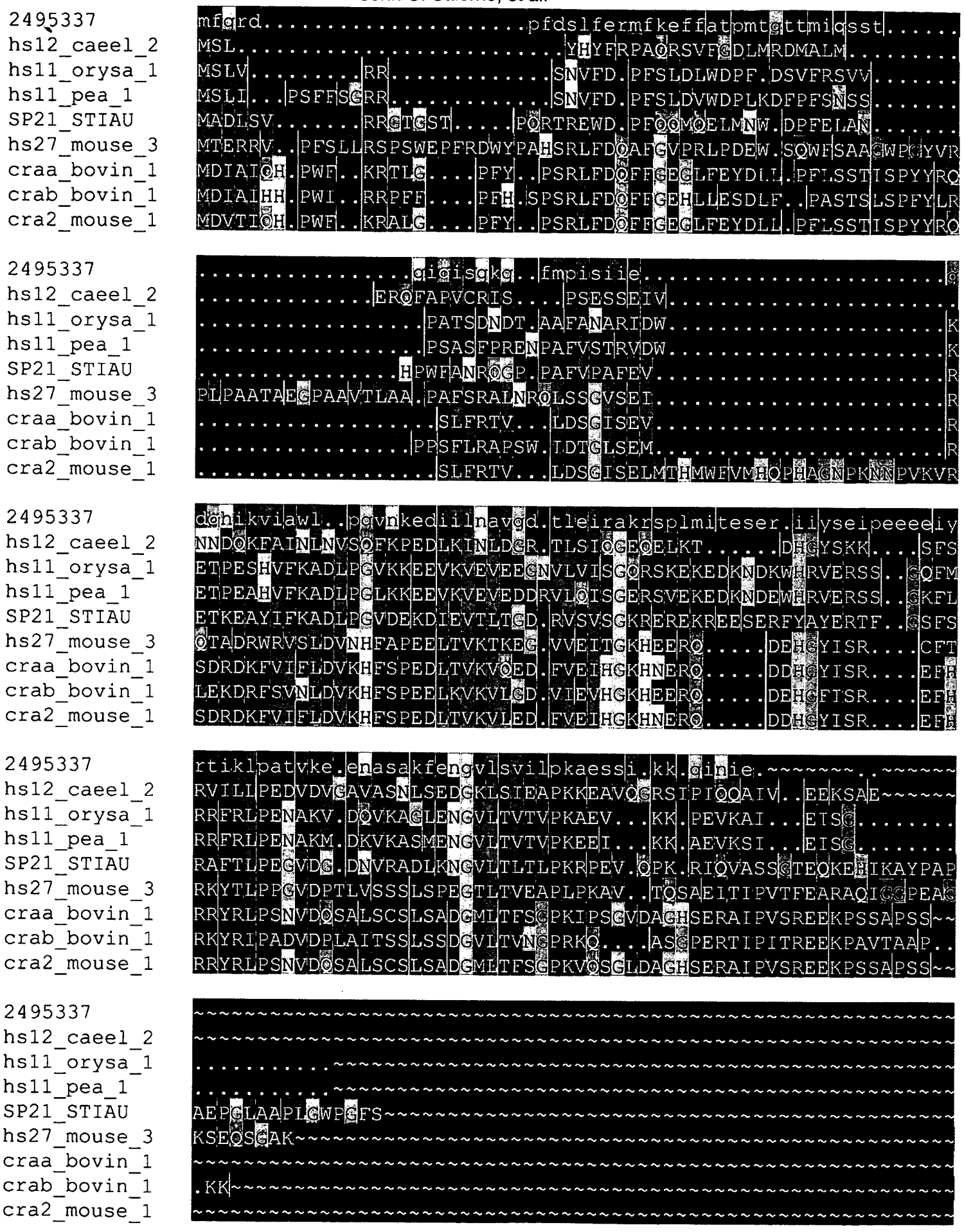
```
  1 mdvtiqhpwf krtlgpfyps rlfdqffgeg lfeydllpfl sstispyyrq slfrtvldsg
 61 isevrsdrdk fvifldvkhf spedltvkvq ddfveihgkh nerqddhgyi srefhrryrl
121 psnvdqsals cslsadgmlt fcgpkiqtgl dathaeraip vsreekptsa pss
```

Figure 2.

```
  1  tccctcttcc gcaccgtgct ggactccggc atctctgagg ttcgatccga ccgggacaag
 61 ttcgtcatct tcctcgatgt gaagcacttc tccccggagg acctcaccgt gaaggtgcag
121 gacgactttg tggagatcca cggaaagcac aacgagcgcc aggacgacca cggctacatt
181 tcccgtgagt tccaccgccg ctaccgcctg ccgtccaacg tggaccagtc ggccctctct
241 tgctccctgt ctgccgatgg catgctgacc ttctgtggcc ccaagatcca gactggcctg
301 gatgccaccc acgccgagcg agccatcccc gtgtcgcggg aggagaagcc cacctcggct
361 ccctcgtcct aa
```

Figure 3.

```
  1 slfrtvldsg isevrsdrdk fvifldvkhf spedltvkvq ddfveihgkh nerqddhgyi
 61 srefhrryrl psnvdqsals cslsadgmlt fcgpkiqtgl dathaeraip vsreekptsa
121 pss
```



Figur s 4A and 4B

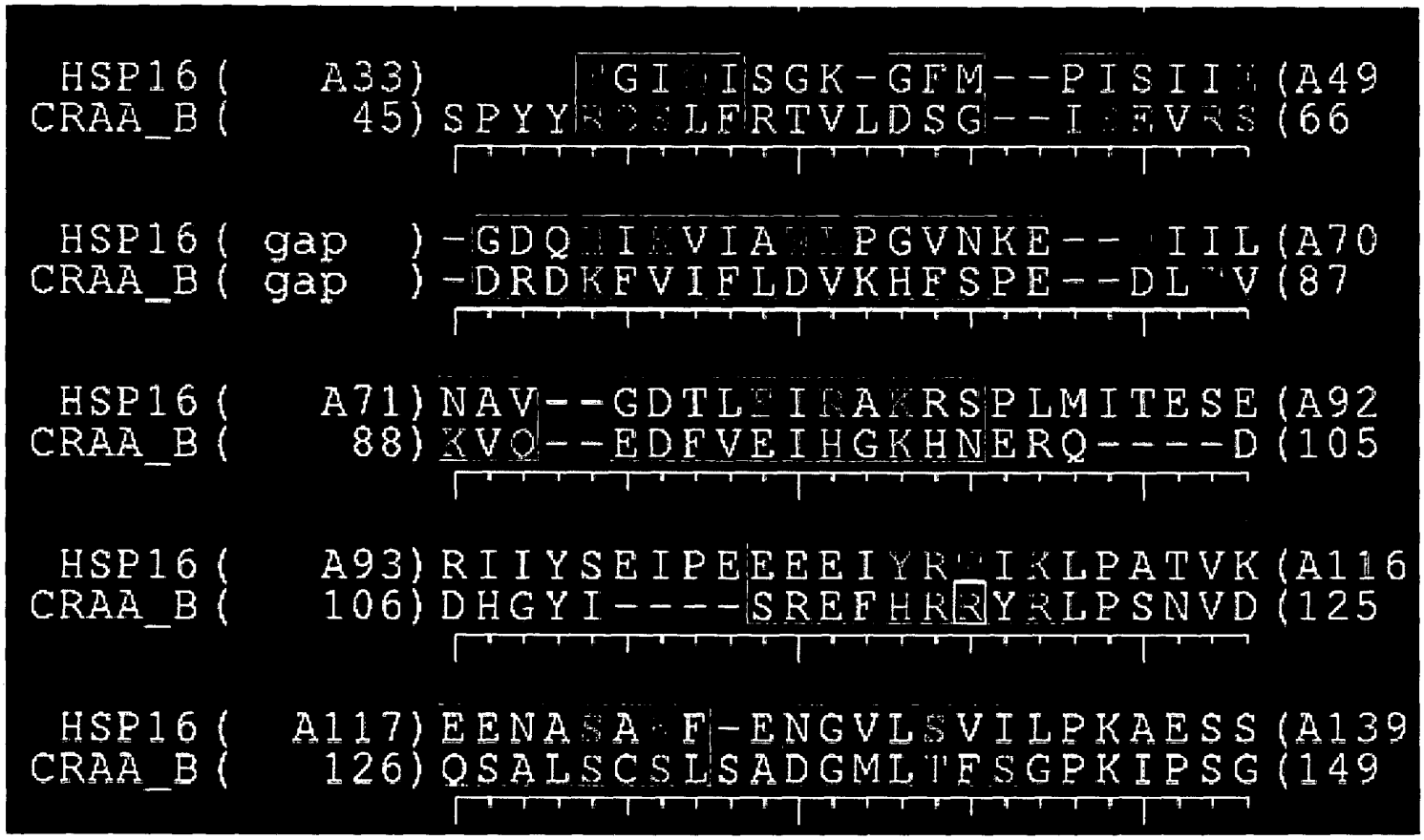

HSP16(A33) GIISGK-GFM--PISII (A49
CRAA_B(45) SPYYRSLFRTVLDSG--IEEVRS (66
HSP16(gap) -GDQIIKVIAPGVNKE--IIL (A70
CRAA_B(gap) -DRDKFVIFLDVKHFSPE--DLEV (87
HSP16(A71) NAV--GDTLEIRAKRSPLMITESE (A92
CRAA_B(88) KVQ--EDFVEIHGKHNERQ----D (105
HSP16(A93) RIIYSEIPEEEEIYRRIKLPATVK (A116
CRAA_B(106) DHGYI----SREFHRRYRLPSNVD (125
HSP16(A117) EENASAKFE-NGVLSVILPKAESS (A139
CRAA_B(126) QSALSCSLSADGMLTFSGPKIPSG (149

Figure 5

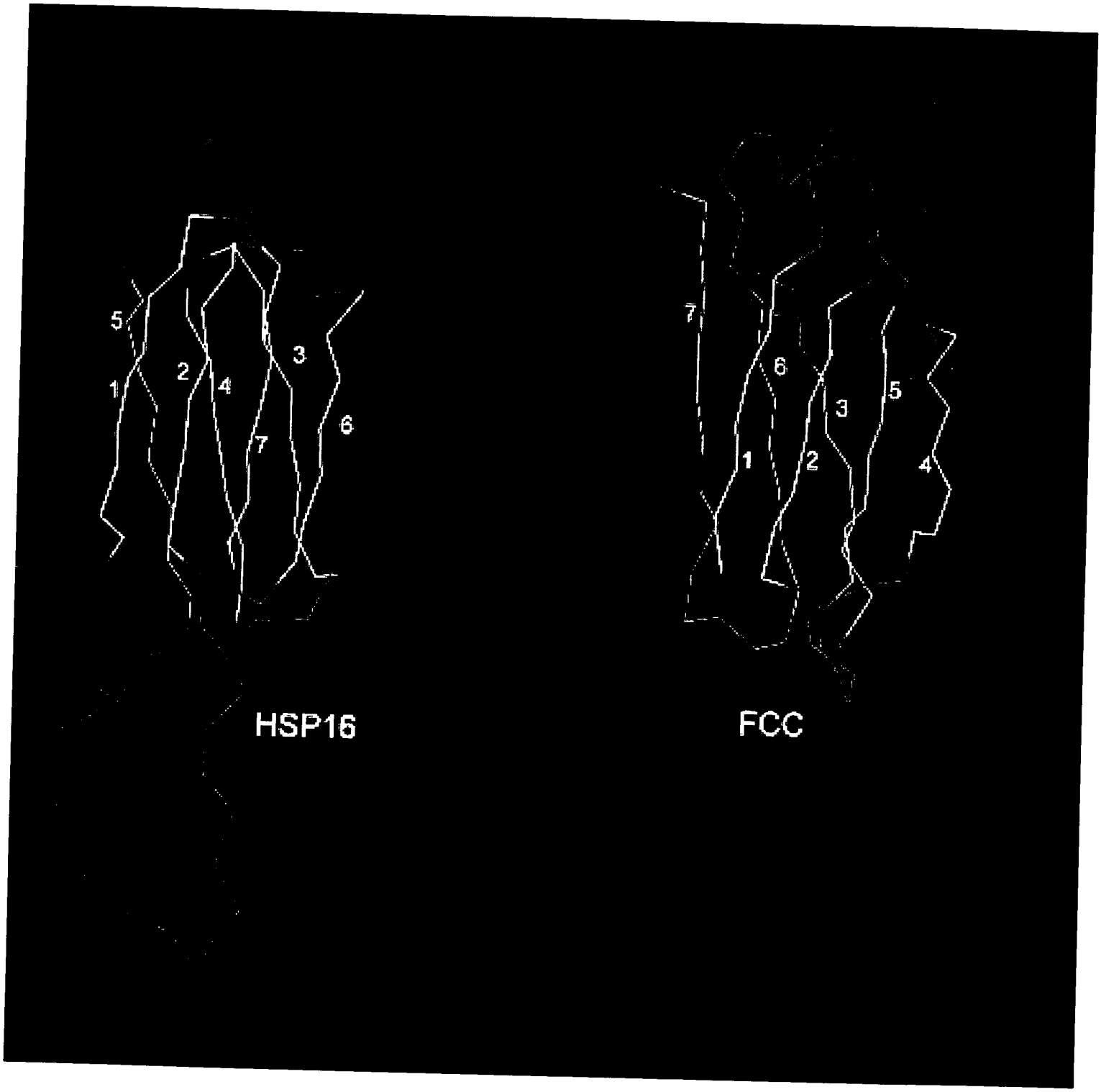


Figure 6

Figur 7A

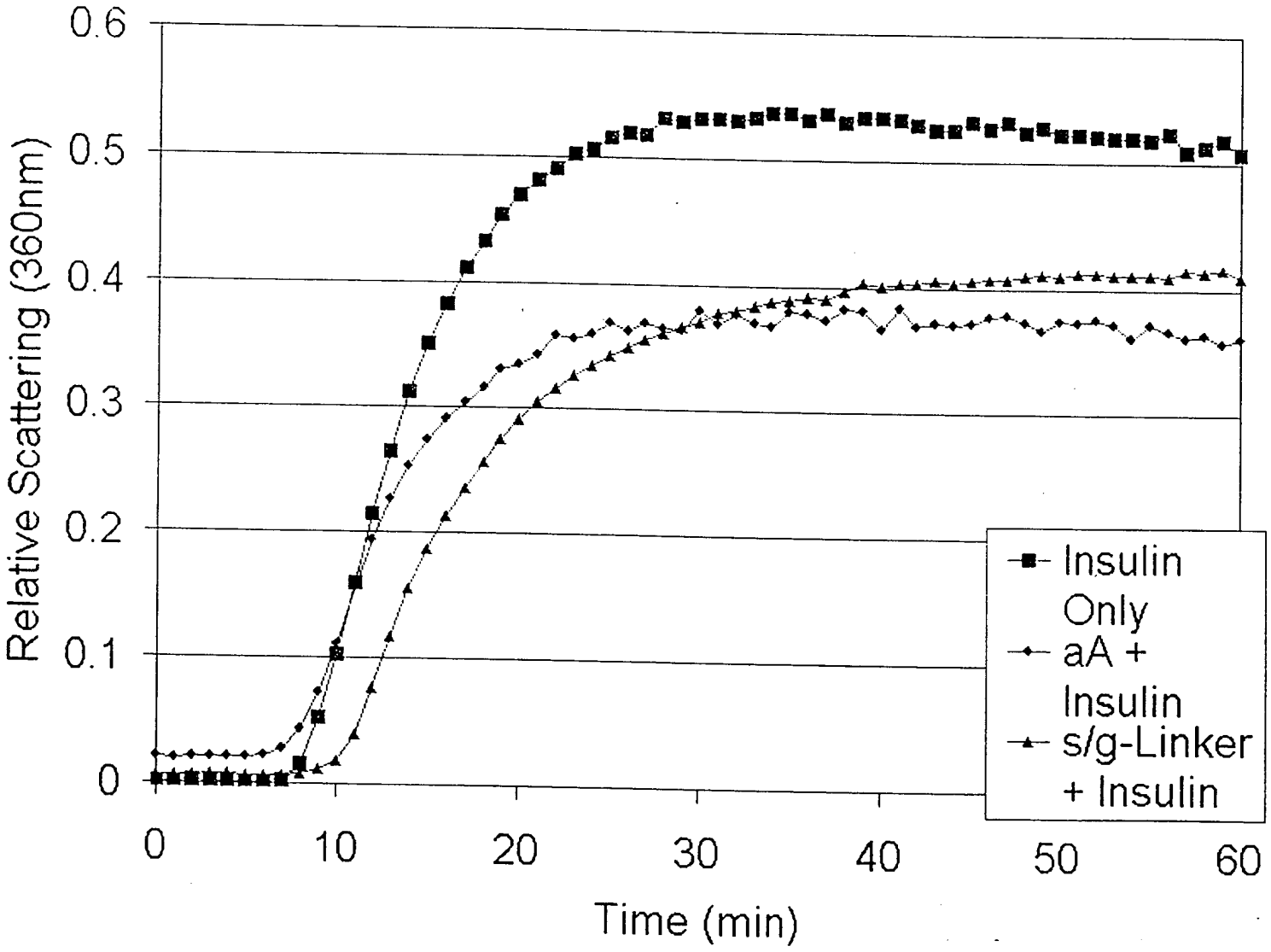

0.6
0.5
0.4
0.3
0.2
0.1
0
Relative Scattering (360nm)
0
10
20
30
40
50
60
Time (min)
Insulin Only
aA + Insulin
s/g-Linker + Insulin

Figure 8

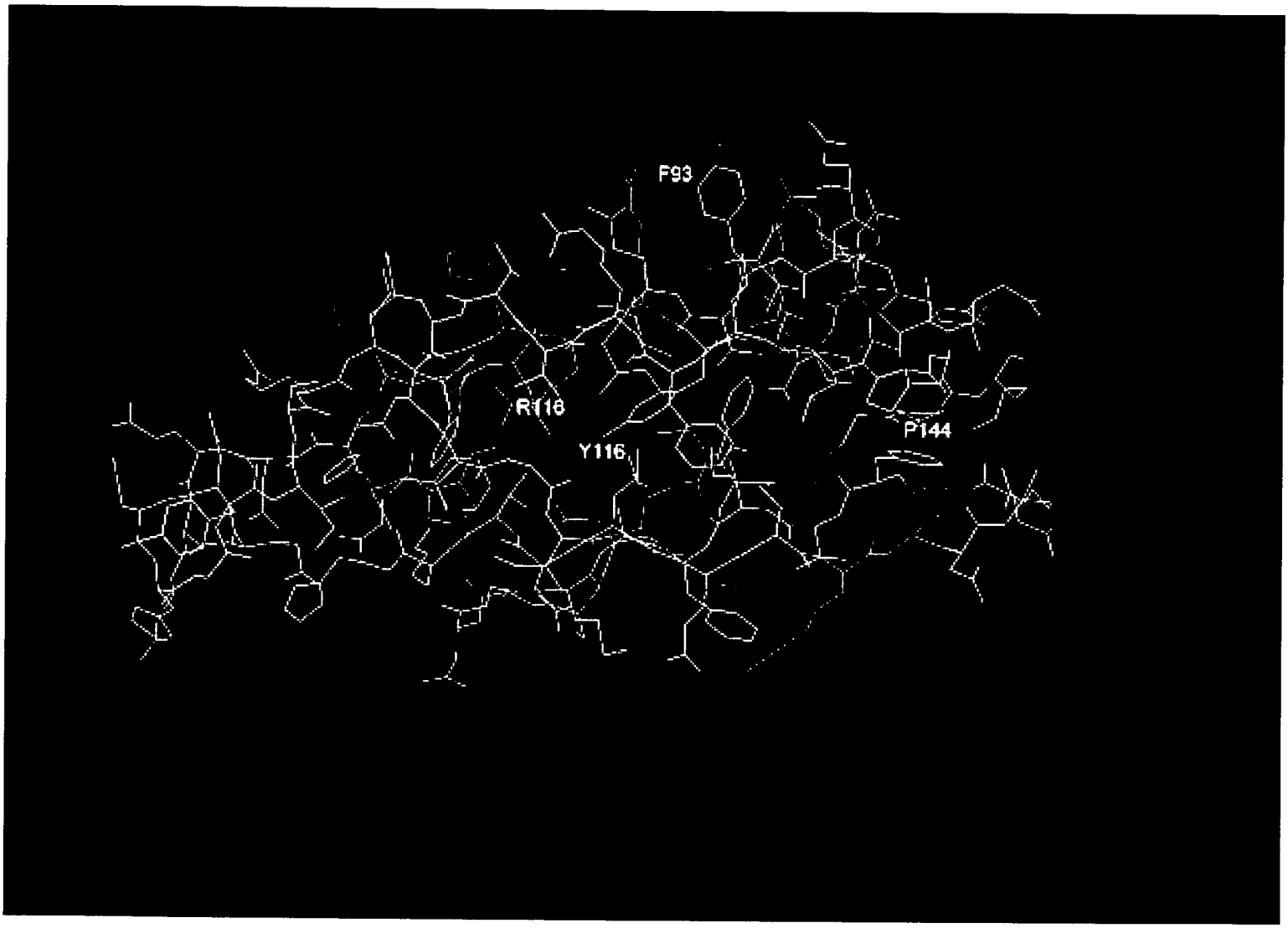


Figure 7B